Europäisches Patentamt
European Patent Office
Office européen des brevets

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 88 84 86

Classification of the application (IPC):
C07C 29/48, C07C 29/86, C07C 35/44, A61K 31/047, A23L 33/10

Technical fields searched (IPC):
C07C, A61K, A23L, A23G

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	**RINCÓN M. E. ET AL**: "Electrical and Optical Properties of Fullerenol Langmuir-Blodgett Films Deposited on Polyaniline Substrates" *JOURNAL OF PHYSICAL CHEMISTRY PART B* US 01 May 2003 (2003-05-01), vol. 107, no. 17, DOI: 10.1021/jp022159z, ISSN: 1520-6106, pages 4111-4117, XP055866579 * Experimental section;page 4112, left-hand column * * Conclusions;page 4116, right-hand column - page 4117, left-hand column *	1-24
X	**LIANG LIJUN ET AL**: "Translocation mechanism of C60and C60derivations across a cell membrane" *JOURNAL OF NANOPARTICLE RESEARCH, SPRINGER NETHERLANDS, DORDRECHT*, 12 November 2016 (2016-11-12), vol. 18, no. 11, DOI: 10.1007/S11051-016-3647-Z, ISSN: 1388-0764, pages 1-9, XP036114863 * figures 1, 2, 4-6 *	1-24
X	US 5648523 A (CHIANG LONG Y [TW]) 15 July 1997 (1997-07-15) * column 6, lines 5-49 * * example 2 *	1-24
X	JP 2004231595 A (MITSUBISHI CHEM CORP) 19 August 2004 (2004-08-19) * paragraphs [0008] - [0010]; compound 2 * * paragraphs [0021] - [0025] *	1-24
X	**WANG ZHENZHEN ET AL**: "Syntheses, Structures and Antioxidant Activities of Fullerenols: Knowledge Learned at the Atomistic Level" *JOURNAL OF CLUSTER SCIENCE, SPRINGER US, NEW YORK*, 12 February 2015 (2015-02-12), vol. 26, no. 2, DOI: 10.1007/S10876-015-0855-0, ISSN: 1040-7278, pages 375-388, XP035469928 * page 377; figure 1 * * Mechanisms of antioxidant activities;pages 382-384 * * Conclusion;page 385 *	1-24

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search	Date of completion of the search	Examiner
The Hague	09 December 2021	Vermeulen, Stéphane

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A: technological background
O: non-written disclosure
P: intermediate document
T: theory or principle underlying the invention
E: earlier patent document, but published on, or after the filing date
D: document cited in the application
L: document cited for other reasons
& : member of the same patent family, corresponding document

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.

EP 3 724 158 A4

© 2020 org.epo.publication.kb xsl stylesheet v1.0.1SRnfp

Europäisches Patentamt
European Patent Office
Office européen des brevets

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 88 84 86

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	**HISAE AOSHIMA ET AL**: "Antimicrobial Activity of Fullerenes and Their Hydroxylated Derivatives" *BIOCONTROL SCIENCE*, 18 December 2009 (2009-12-18), vol. 14, pages 69-72, XP055456844 * page 71; table 1 *	1-24
A	**RODRÍGUEZ-ZAVALA J. G. ET AL**: "Structure and energetics of polyhydroxylated carbon fullerenes" *PHYSICAL REVIEW B* US 01 February 2004 (2004-02-01), vol. 69, no. 7 URL: https://journals.aps.org/prb/pdf/10.1103/PhysRevB.69.075411 , ISSN: 1098-0121, XP055866580 * figures 2, 3 * * page 5, right-hand column, last paragraph - page 6, left-hand column, paragraph 2 *	1-24

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search	Date of completion of the search	Examiner
The Hague	09 December 2021	Vermeulen, Stéphane

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A: technological background
O: non-written disclosure
P: intermediate document
T: theory or principle underlying the invention
E: earlier patent document, but published on, or after the filing date
D: document cited in the application
L: document cited for other reasons
& : member of the same patent family, corresponding document

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.

EP 3 724 158 A4

© 2020 org.epo.publication.kb xsl stylesheet v1.0.1SRnfp

Europäisches Patentamt
European Patent Office
Office européen des brevets

ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 88 84 86

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 09-12-2021
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5648523 A	15-07-1997	DE 69607437 T2	10-08-2000
		EP 0770577 A1	02-05-1997
		ES 2144204 T3	01-06-2000
		JP H09136964 A	27-05-1997
		US 5648523 A	15-07-1997
		US 5994410 A	30-11-1999
JP 2004231595 A	19-08-2004	*NONE*	

© 2020 org.epo.publication.kb xsl stylesheet v1.0.1SRnfp

For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.